# **EchoWater** Fast Facts

REGIONALSAN
TAKING THE WASTE OUT OF WATER

The EchoWater Project is among the largest public works projects in the Sacramento region's history. Once all new treatment processes are online and operational—expected by early 2023—the Sacramento Regional Wastewater Treatment Plant will produce about 120 million gallons per day of tertiary-treated water. This higher level of treatment will allow Regional San to increase the use of recycled water throughout the region.

## ENTIRE ECHOWATER PROJECT

**2.1 million cubic yards** of soil excavated.

**22 individual projects** form the EchoWater Project.

## BIOLOGICAL NUTRIENT REMOVAL PROJECT

**20 acres of land*** covered by this massive project.

Roughly equal to **18 football fields!**

**3.2 million feet** of electrical wire and cable used.

Enough to stretch from Sacramento to Phoenix!

**225,000 cubic yards** of concrete used in construction.

## TERTIARY TREATMENT FACILITIES PROJECT

**142 pumps utilized** when fully operational.

The largest pump is rated at **1,250 horsepower.**

That's one and a half times the power produced by a **NASCAR race engine.**

**75,000 cubic yards** of concrete used in construction.

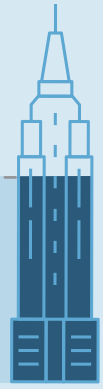
That's equivalent to **77 miles** of a 5-foot wide strip that is 1-foot thick.


*These values are approximations.

## COMBINED PROJECTS

**41,350 tons of steel*** used on the Biological Nutrient Removal, Tertiary Treatment Facilities, and Nitrifying Sidestream Treatment Projects.

That's close to the **60,000 tons** used for the framework of the Empire State Building.



**69% of the steel framework!**

## FLOW EQUALIZATION PROJECT

**83,500 cubic yards** of concrete used in construction.

That's enough to fill **22 Olympic swimming pools.**

EchoWater Project
Bringing Water Back

EchoWaterProject.com